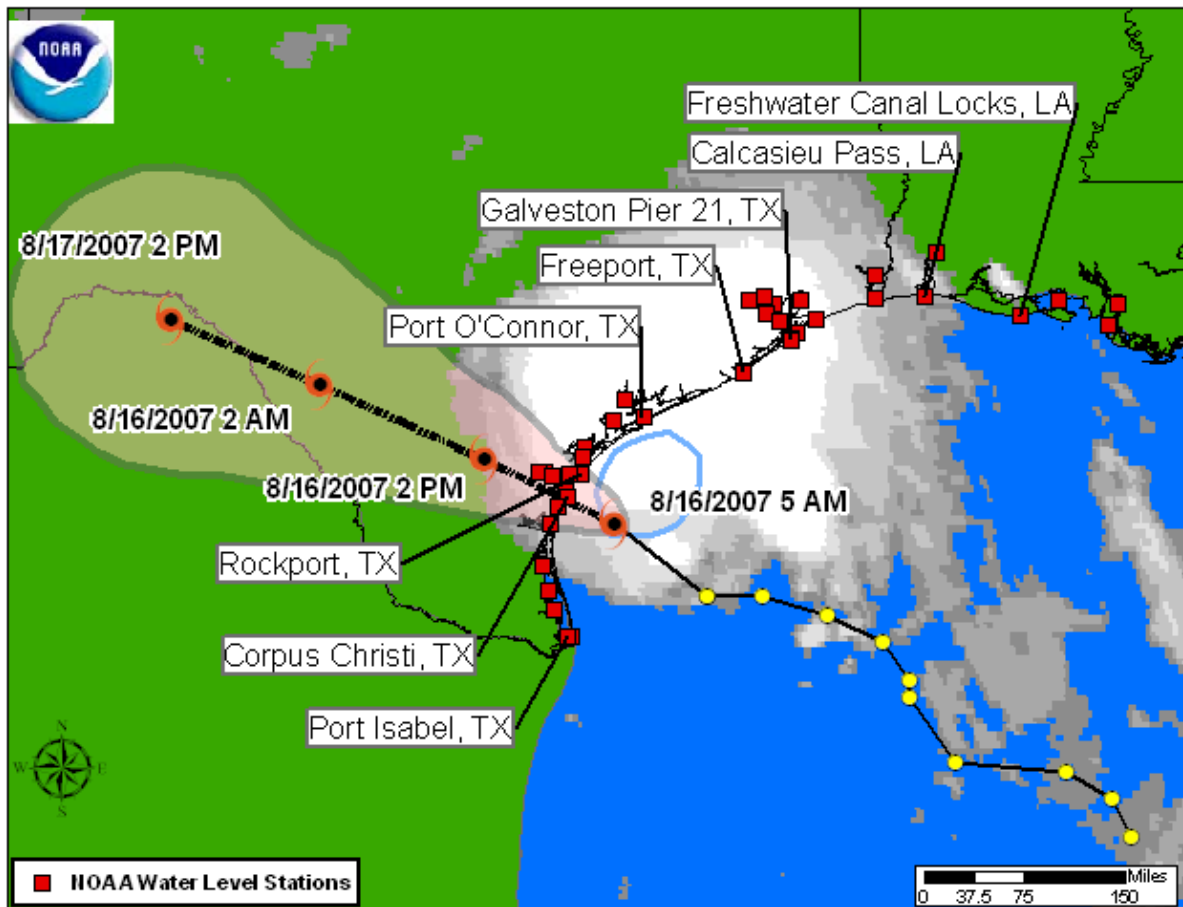




Tropical Storm ERIN QUICKLOOK  
Posted: 06:00 CDT 08/16/2007

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

Observations as of 8/16/2007 500 AM CDT:

NOS water level at Freeport, TX is around 1.66 ft (0.51 m) above predicted.  
Next high tide at 08/16/2007 Thurs 06:21 PM CDT.

NOS water level at Rockport, TX is around 1.12 ft (0.34 m) above predicted.

NOS water level at Galveston Pier 21, TX is around 1.53 ft (0.47 m) above predicted.  
Next high tide at 08/16/2007 Thurs 06:05 PM CDT.

NOS water level at Calcasieu Pass, LA is around 1.31 ft (0.40 m) above predicted.  
Next high tide at 08/16/2007 Thurs 05:24 PM CDT.

NOS water level at Freshwater Canal Locks, LA is around 1.10 ft (0.34 m) above predicted.

NOS water level at Corpus Christi, TX is around 1.49 ft (0.45 m) above predicted.

NOS water level at Port Isabel, TX is around 1.10 ft (0.34 m) above predicted.

Next high tide at 08/16/2007 Thurs 06:21 PM CDT.

**SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:**

**AT 400 AM CDT...0900Z...THE TROPICAL STORM WARNING ALONG THE SOUTHERN TEXAS COAST FROM PORT MANSFIELD SOUTHWARD TO BROWNSVILLE HAS BEEN DISCONTINUED. A TROPICAL STORM WARNING REMAINS IN EFFECT FOR THE TEXAS COAST FROM SAN LUIS PASS SOUTHWARD TO PORT MANSFIELD.**

**ERIN HAS BEEN MOVING ERRATICALLY TOWARD THE WEST-NORTHWEST NEAR 12 MPH...19 KM/HR...AND THIS MOTION IS EXPECTED TO CONTINUE OVER THE NEXT 24 HOURS. ON THIS TRACK...THE CENTER OF ERIN IS EXPECTED TO MOVE INLAND WITHIN THE WARNING AREA LATER TODAY.**

**MAXIMUM SUSTAINED WINDS ARE NEAR 40 MPH...65 KM/HR...WITH HIGHER GUSTS. A LITTLE STRENGTHENING IS POSSIBLE PRIOR TO ERIN MAKING LANDFALL. ONCE INLAND...ERIN IS EXPECTED TO WEAKEN.**

**TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 85 MILES...140 KM FROM THE CENTER. A NOAA BUOY NORTH OF THE CENTER RECENTLY REPORTED A WIND GUST TO 45 MPH.**

**ESTIMATED MINIMUM CENTRAL PRESSURE IS 1004 MB...29.65 INCHES.**

**TOTAL RAIN ACCUMULATIONS OF 3 TO 6 INCHES ARE EXPECTED ACROSS MUCH OF CENTRAL AND SOUTHERN TEXAS...WITH POSSIBLE ISOLATED MAXIMUM AMOUNTS OF 10 INCHES.**

**STORM SURGE OF 2 TO 3 FEET ABOVE NORMAL TIDE LEVELS MAY BE EXPERIENCED IN A FEW COASTAL LOCATIONS TO THE NORTH OF WHERE THE CENTER MAKES LANDFALL.**

**ISOLATED TORNADOES ARE POSSIBLE ALONG THE MIDDLE TEXAS GULF COAST ON THURSDAY.**

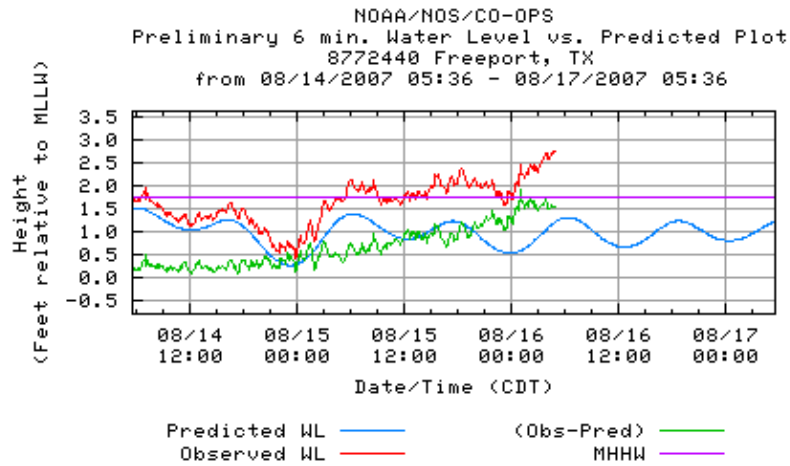
**Water level and meteorological plots are updated automatically. For more information, please see [www.tidesandcurrents.com](http://www.tidesandcurrents.com).**

For the purpose of timely release, data contained within this QUICKLOOK have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Tropical Storm ERIN QUICKLOOK, POSTED 06:00 CDT 08/16/2007

Jump to: [Freeport - Water Level](#), [Rockport - Air/Water Temp](#), [Rockport - Barometric](#), [Galveston Pier 21 - Air/Water Temp](#), [Calcasieu Pass - Water Level](#), [Calcasieu Pass - Winds](#), [Freshwater Canal Locks - Water Level](#), [Port Isabel - Air/Water Temp](#), [Corpus Christi - Water Level](#), [Rockport - Water Level](#), [Rockport - Winds](#), [Galveston Pier 21 - Water Level](#), [Galveston Pier 21 - Barometric](#), [Calcasieu Pass - Air/Water Temp](#), [Calcasieu Pass - Barometric](#), [Port Isabel - Water Level](#), [Port Isabel - Winds](#)

**Freeport, TX - Station Map** [Return to List](#)

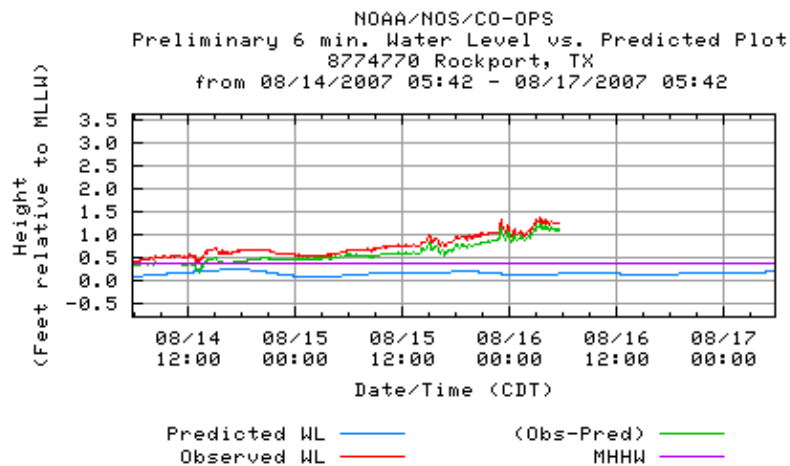


Last Observed Sample: 08/16/2007 04:54 (CDT)

Relative to **MLLW**: **Observed: 2.74 ft. Predicted: 1.20 ft. Residual: 1.54 ft.**

Historical Maximum Water Level: 09/11/1998, 4.15 ft. above **MHHW**

**Rockport, TX - Station Map** [Return to List](#)

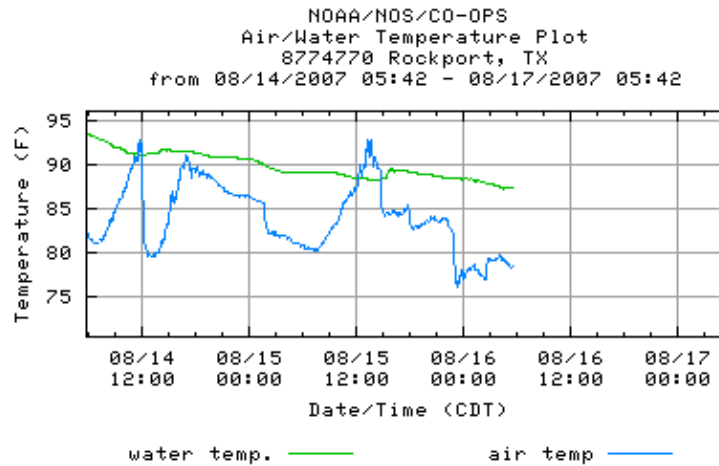


Last Observed Sample: 08/16/2007 05:30 (CDT)

Relative to **MLLW**: **Observed: 1.26 ft. Predicted: 0.15 ft. Residual: 1.11 ft.**

Historical Maximum Water Level: 08/10/1980, 4.1 ft. above **MHHW**

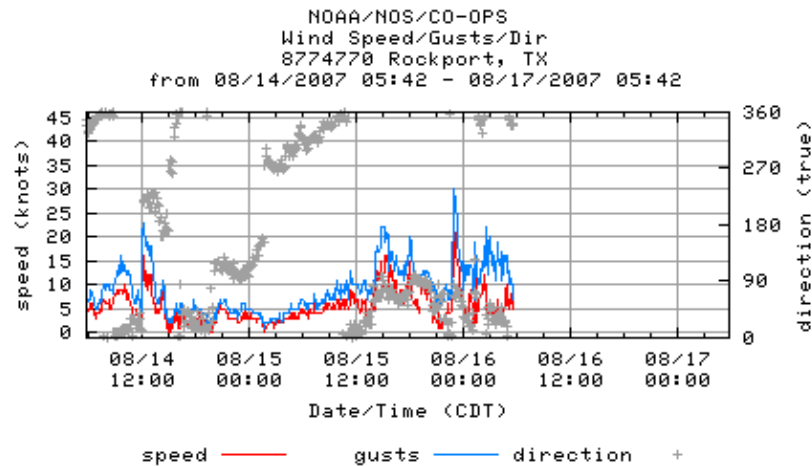
**Rockport, TX - Station Map** [Return to List](#)



Last Observed Sample: 08/16/2007 05:30 (CDT)

Water Temperature: 87.3° F Air Temperature: 78.4° F

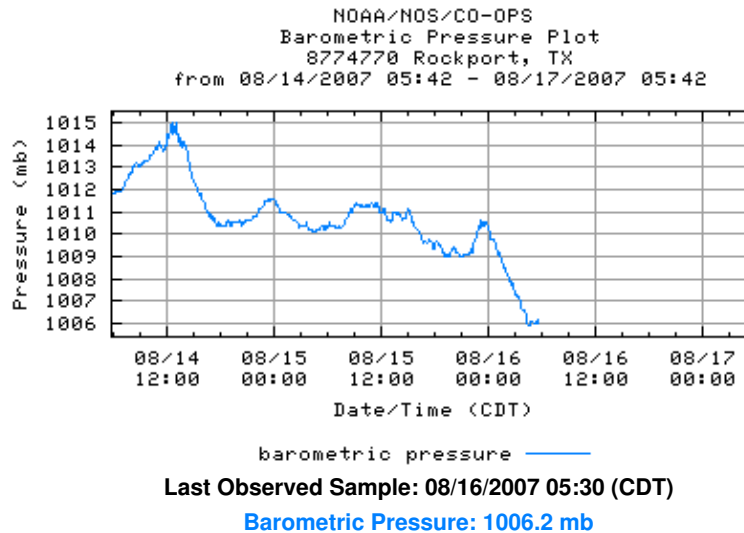
**Rockport, TX - Station Map** [Return to List](#)



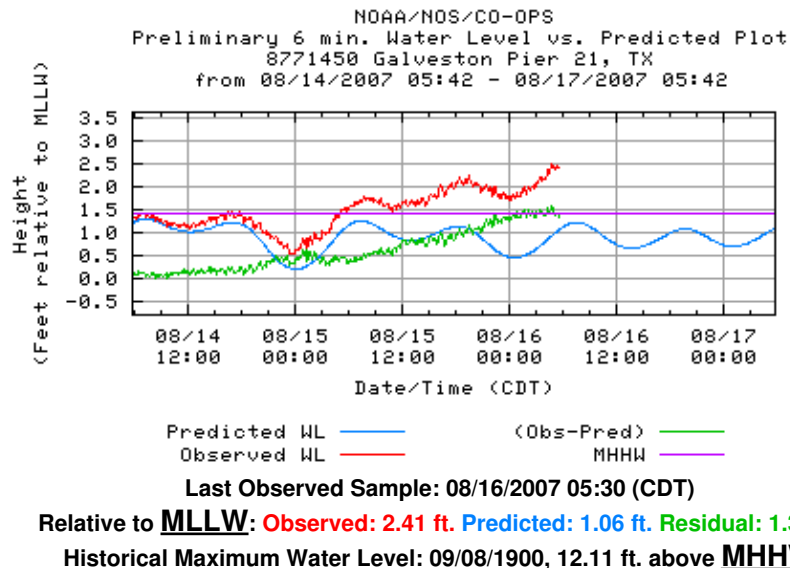
Last Observed Sample: 08/16/2007 05:30 (CDT)

Wind Speed: 5 knots Gusts: 7 knots Direction: 342° T

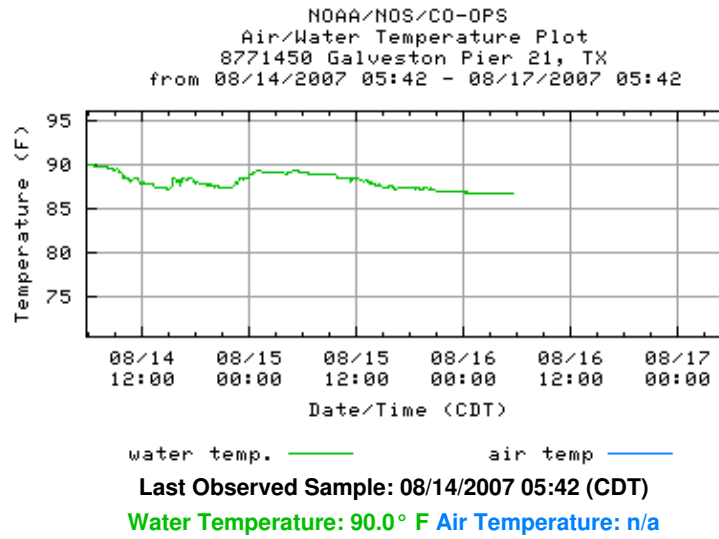
**Rockport, TX - Station Map** [Return to List](#)



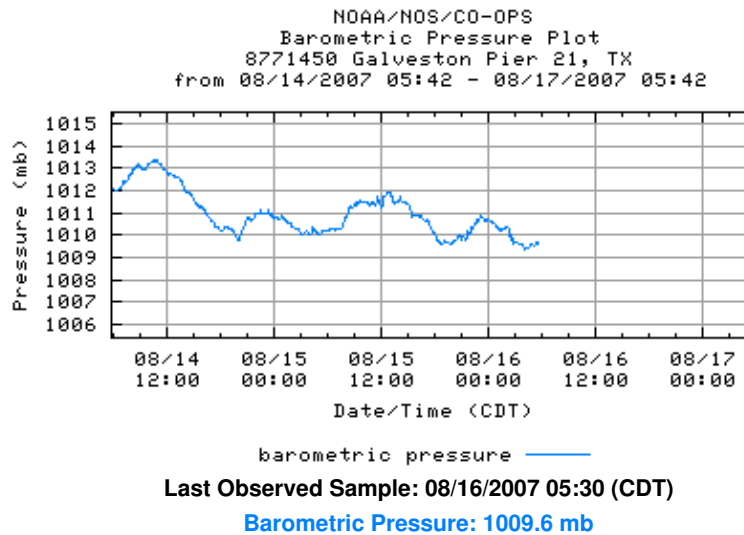
**Galveston Pier 21, TX - Station Map** [Return to List](#)



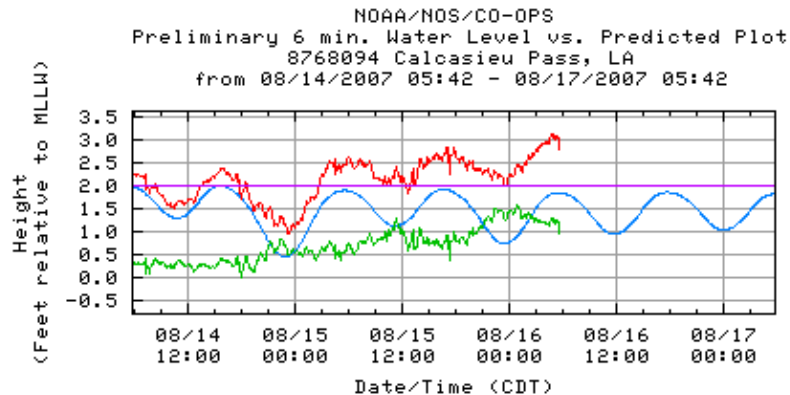
**Galveston Pier 21, TX - Station Map** [Return to List](#)



**Galveston Pier 21, TX - Station Map** [Return to List](#)

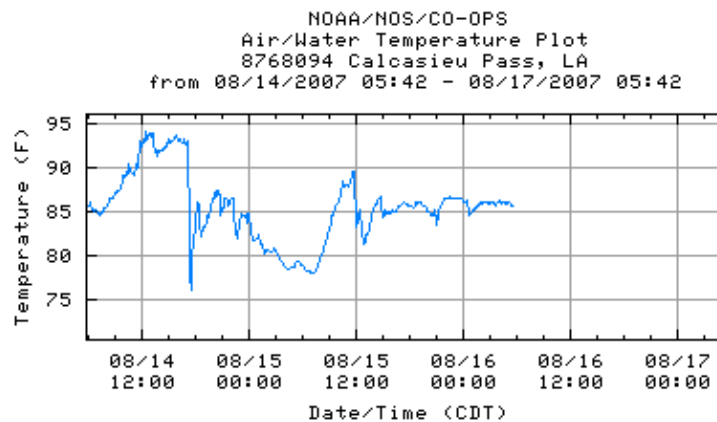


**Calcasieu Pass, LA - Station Map** [Return to List](#)



Last Observed Sample: 08/16/2007 05:30 (CDT)  
Relative to **MLLW**: **Observed: 2.80 ft. Predicted: 1.85 ft. Residual: 0.95 ft.**  
Historical Maximum Water Level: n/a

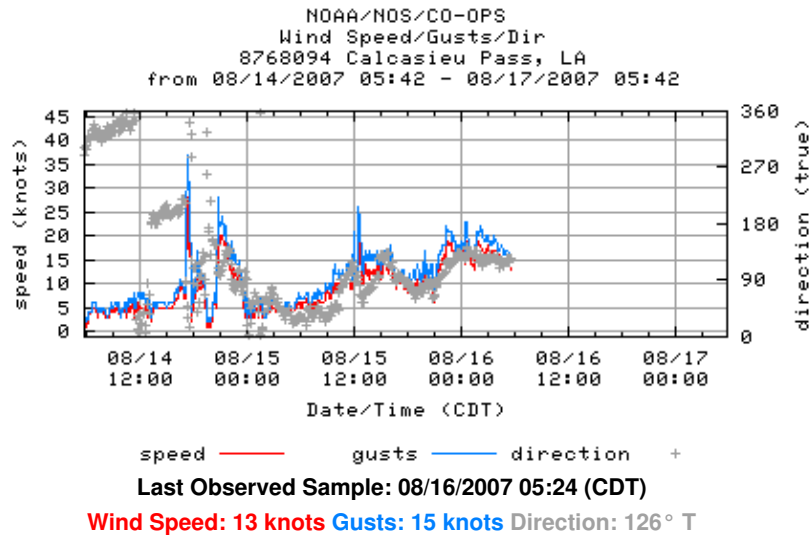
**Calcasieu Pass, LA - Station Map** [Return to List](#)



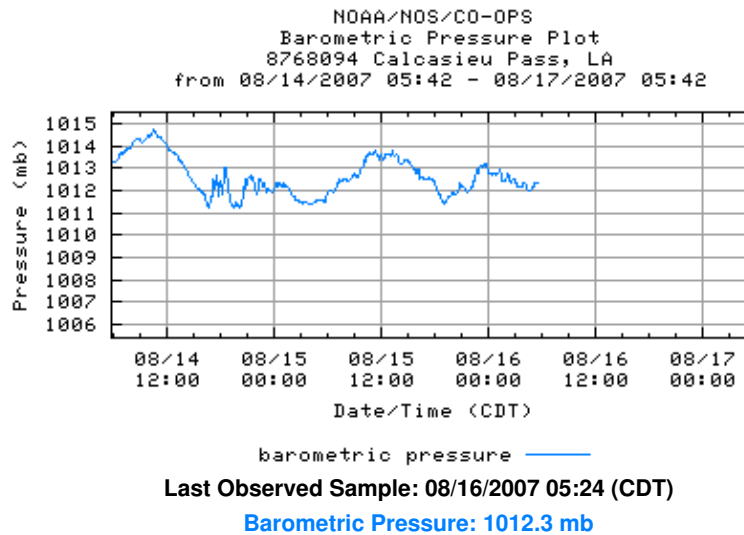
Last Observed Sample: 08/16/2007 05:24 (CDT)  
**Water Temperature: n/a Air Temperature: 85.6° F**



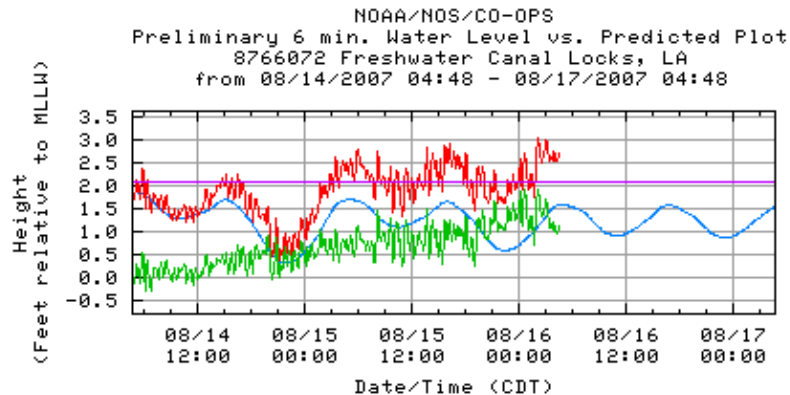
**Calcasieu Pass, LA - Station Map** [Return to List](#)



**Calcasieu Pass, LA - Station Map** [Return to List](#)



**Freshwater Canal Locks, LA - Station Map** [Return to List](#)



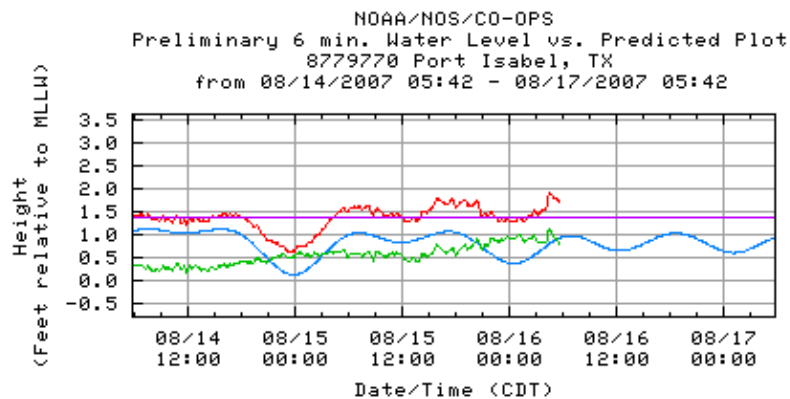
Predicted WL — (Obs-Pred) —  
Observed WL — MHHW —

Last Observed Sample: 08/16/2007 04:36 (CDT)

Relative to **MLLW**: **Observed: 2.71 ft. Predicted: 1.60 ft. Residual: 1.11 ft.**

Historical Maximum Water Level: n/a

**Port Isabel, TX - Station Map** [Return to List](#)



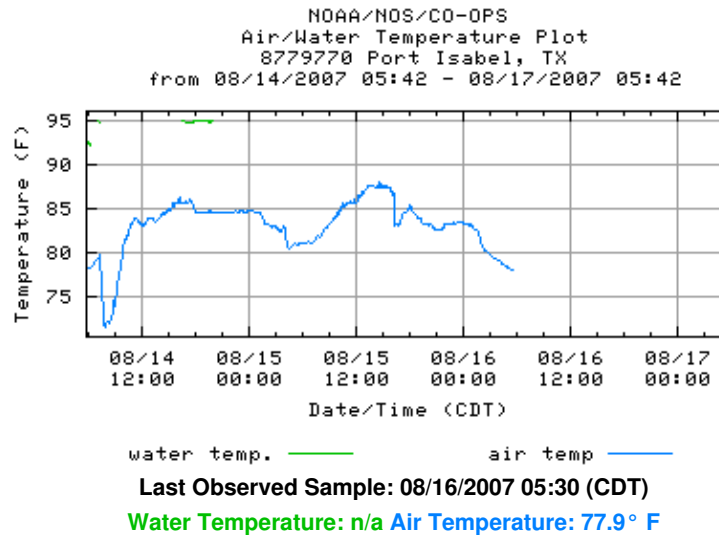
Predicted WL — (Obs-Pred) —  
Observed WL — MHHW —

Last Observed Sample: 08/16/2007 05:30 (CDT)

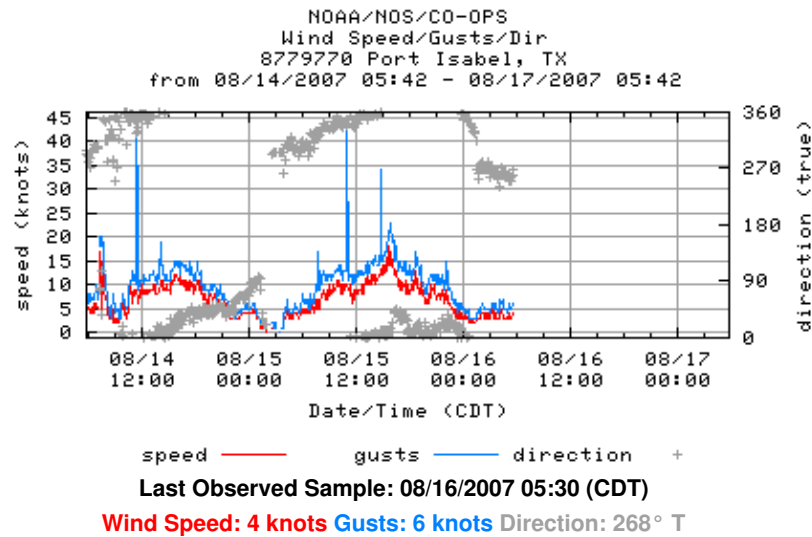
Relative to **MLLW**: **Observed: 1.72 ft. Predicted: 0.92 ft. Residual: 0.80 ft.**

Historical Maximum Water Level: 08/09/1980, 5.67 ft. above **MHHW**

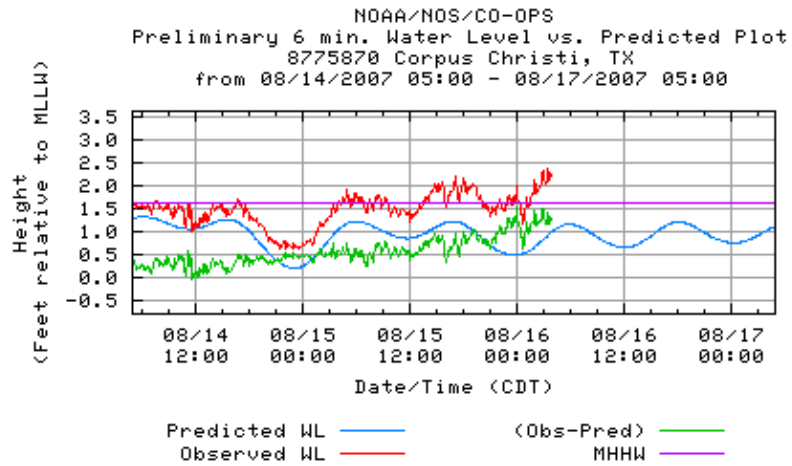
**Port Isabel, TX - Station Map** [Return to List](#)



**Port Isabel, TX - Station Map** [Return to List](#)



**Corpus Christi, TX - Station Map** [Return to List](#)



Last Observed Sample: 08/16/2007 03:54 (CDT)

Relative to **MLLW**: **Observed: 2.25 ft.** **Predicted: 0.98 ft.** **Residual: 1.27 ft.**

**Historical Maximum Water Level: 09/10/1998, 3.33 ft. above MHHW**

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)  
National Oceanic and Atmospheric Administration | U.S. Department of Commerce